WILCOMAT® 07
Leak Detection on a wide Range of Containers

WILCOMAT® 07 is a Leak Detector for a wide range of products such as vials, ampoules, syringes, BFS containers and much more.

The operator manually loads the products into the test chamber and starts a test cycle. The WILCOMAT® 07 identifies gross or fine leak quickly and safely by the use of our patented test methods.

During leak testing process, the test parameters and the test results are displayed on the color touch screen.

Key Benefits
- Non-destructive leak testing on liquid or powder filled products
- Deterministic test method, which provides reproducible results
- Vacuum and Pressure Decay, Force and Mass Spectrometry technologies available
- Highest measuring precision and reproducible test results
- Test sensitivity to detect fine leaks as small as 1 µm (Mass Spectrometry $10^{-6}$ cc/min)
- Short cycle time (5-6 test cycles/min)
- Automatic self-test function in order to verify the measuring system

Additional important Features
- Fast changeover, short retooling time
- Ease of operation
- Compact design with easy clean ability
- User friendly and clearly arranged TFT color display with touch screen panel
- Data transmission to OPC-server via LAN interface
- USB connection (data export, printer)
- Complete validation documentation available
- Automatic loading of the testing parameters via RFID format part recognition
Further Designs of WILCOMAT® 07

**Measurement Options**

LFC – Liquid Filled Container: Leak detection by mean of high vacuum decay on liquid filled container
V – Vacuum Decay: Leak detection on powder and lyo filled container
P – Pressure Decay: Leak detection of ampoules
MS – Mass Spectrometry: High test sensitivity to detect fine leaks as small as $10^{-6}$ cc/min

**Mode of Operation**

The products are placed inside the test chamber which is hermetically sealed and the leak detection cycle starts. The preset test parameters and the test results are displayed on the color touch screen.

**Further Applications / Technologies of WILCO Systems**

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Wilco AG is an innovative and reliable partner with more than 40 years of experience in quality assurance technologies and provides a worldwide support and distribution network.

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